
ENVIRONMENTAL Fact Sheet



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Source Control Programs Required for Infiltration of Stormwater at Industrial and Petroleum-Related Facilities

Applicability

These requirements apply when an alteration-of-terrain (site-specific) permit is required under RSA 485-A:17 and plans for the site include direct infiltration of stormwater from an area where industrial or petroleum storage or dispensing activities will take place. Direct infiltration includes the use of infiltration trenches or infiltration basins.

Requirements

Under Env-Ws 415.11, each site to which these requirements apply must have a source control program. Such a program consists of the following:

- Each facility must develop a source control plan as outlined below.
- The plan must be signed by a responsible corporate official.
- The plan must be reviewed by the facility owner/operator every three years. The review should include an evaluation of the effectiveness of the plan in preventing pollution and in preventing, containing, and controlling spills. Plan review may need to be more frequent for some facilities.

Contents of the Source Control Plan

- **Source Control Coordinator:** The name of the person who will be responsible for implementation and review of the plan.
- **Site Evaluation:** A description of potential pollutant sources on the site, demonstrating compliance with applicable site-design aspects of Env-Wq 401 Best Management Practices for Groundwater Protection (BMPs--see summary on reverse).
- **BMP Identification/Selection:** An evaluation of BMPs (not limited to Env-Wq 401), a description of the BMPs to be implemented to prevent or minimize pollution of stormwater, and a schedule for implementation. See "General Requirements" on reverse.
- **Annual Site Compliance Evaluation:** Must be conducted by the source control coordinator to determine the effectiveness of the plan and compliance with the terms and conditions of the permit. Site compliance evaluations may need to be more frequent for some facilities.
- **Consistency:** The source control plan may incorporate by reference other plans such as Spill Prevention, Control, and Countermeasures plans (required under 40 CFR 112 for certain facilities with underground or above-ground petroleum storage tanks).

General Requirements for Best Management Practices for Groundwater Protection

BMPs evaluated in the source control plan must include the following:

- Applicable portions of Env-Wq 401 Best Management Practices (see below).
- Good housekeeping in industrial areas exposed to stormwater.
- Spill prevention and response procedures.
- Employee training.
- Measures to limit erosion in erosion-prone areas.
- “Traditional” stormwater management measures (oil/water separators, vegetated swales, etc.) where appropriate.
- Maintenance of oil/water separators and other stormwater management measures.
- The use of sorbents to scavenge petroleum hydrocarbons from stormwater runoff.

Industry-Specific Requirements

In addition to the BMPs listed above, plans for industrial facilities must evaluate the appropriateness of industry-specific controls, and include provisions for the implementation of those that are found to be appropriate.

Summary of Env-Wq 401 BMP Rules

Storage

- Store hazardous substances on an impervious surface.
- Secure storage areas against unauthorized entry.
- Inspect storage areas weekly.
- Cover containers in outside storage areas. (Containers covered by these rules are portable containers with a capacity of 5 gallons to 1,100 gallons, which contain hazardous substances.)
- Keep containers stored outside, more than 50 feet from surface water, 75 feet from private wells, and up to 400 feet from public wells.
- Have secondary containment if storing more than 275 gallons outside (even if individual containers are smaller than 275 gallons).
- Keep containers at least 50 feet from storm drains, if no secondary containment.
- Label containers clearly and visibly.

Handling

- Keep containers closed and sealed.
- Place drip pans under spigots, valves, and pumps.
- Have spill control and containment equipment readily available.
- Use funnels and drip pans when transferring hazardous substances; perform transfers over impervious surfaces.

Release Response Information

- Post Information on what to do in the event of a spill.

Floor Drains and Work Sinks

- Cannot discharge into or onto the ground.

For Additional Information

For additional information, please contact the Drinking Water and Groundwater Bureau at (603) 271-2513 or dwgbinfo@des.state.nh.us or visit our website at www.des.nh.gov/dwgb. All of the bureau's fact sheets are on-line at www.des.nh.gov/dwg.htm.

Note: This fact sheet is accurate as of January 2007. Statutory or regulatory changes, or the availability of additional information after this date may render this information inaccurate or incomplete.